

34. [New] The composition of claim 32 wherein the aluminosilicate is vitreous.
35. [New] The composition of claim 32 wherein the aluminosilicate is in a quantity greater than about 0.5% by weight of the composition.
36. [New] The composition of claim 32 wherein the aluminosilicate is in a quantity of greater than about 1% by weight of the composition.
37. [New] The composition of claim 32 wherein the aluminosilicate is in a quantity of greater than about 1.5% by weight of the composition.
38. [New] The composition of claim 32 wherein the aluminosilicate is in particles sized less than 75 microns.

39. [New] A composition comprising:

a thermoplastic resin; and

a formulation:

Silicon Dioxide (SiO₂) --- about 73.0%

Aluminum Oxide (Al₂O₃) --- about 21.0%

Potassium Oxide (K₂O) --- about 4.7%

Iron Oxide (Fe₂O₃) --- about 0.4%

Calcium Oxide (CaO) --- about 0.5%

Titanium Oxide (TiO₂) --- about 0.1%

Trace Minerals --- about 0.3%;

wherein the formulation is in a quantity of less than about 2% by weight of the composition.

40. [New] The composition of claim 39 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acronitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
41. [New] The composition of claim 39 wherein the formulation is in a quantity greater than about 0.5% by weight of the composition.
42. [New] The composition of claim 39 wherein the formulation is in a quantity of greater than about 1% by weight of the composition.
43. [New] The composition of claim 39 wherein the formulation is in a quantity of greater than about 1.5% by weight of the composition.
44. [New] The composition of claim 39 wherein the formulation is in particles sized less than 75 microns.
45. [New] An article of manufacture made from a composition wherein the composition comprises:
a thermoplastic resin; and
an aluminosilicate uniformly dispersed throughout the composition wherein the aluminosilicate is in a quantity of less than about 2% by weight of the composition.
46. [New] The article of manufacture of claim 45 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acronitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

47. [New] The article of manufacture of claim 45 wherein the aluminosilicate is vitreous.
48. [New] The article of manufacture of claim 45 wherein the aluminosilicate is in a quantity greater than about 0.5% by weight of the composition.
49. [New] The article of manufacture of claim 45 wherein the aluminosilicate is in a quantity of greater than about 1% by weight of the composition.
- A\ 50. [New] The article of manufacture of claim 45 wherein the aluminosilicate is in a quantity of greater than about 1.5% by weight of the composition.
51. [New] The article of manufacture of claim 45 wherein the aluminosilicate is in particles sized less than 75 microns.
52. [New] A method, the steps of the method comprising:
selecting a thermoplastic resin;
dispersing an aluminosilicate uniformly throughout the selected thermoplastic resin to form a composition wherein the aluminosilicate is in a quantity of less than about 2% by weight of the composition; and
processing the composition under elevated temperature and pressure.
53. [New] The method of claim 52 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
54. [New] The method of claim 52 wherein the aluminosilicate is vitreous.

55. [New] The method of claim 52 wherein the aluminosilicate is in a quantity greater than about 0.5% by weight of the composition.
56. [New] The method of claim 52 wherein the aluminosilicate is in a quantity of greater than about 1% by weight of the composition.
57. [New] The method of claim 52 wherein the aluminosilicate is in a quantity of greater than about 1.5% by weight of the composition.
58. [New] The method of claim 52 wherein the aluminosilicate is in particles sized less than 75 microns.
59. [New] A composition comprising:
a thermoplastic resin; and
a material comprising silicon dioxide and aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.
60. [New] The composition of claim 59 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
61. [New] The composition of claim 59 wherein the material is vitreous.
62. [New] The composition of claim 59 wherein the material is in a quantity greater than about 0.5% by weight of the composition.

63. [New] The composition of claim 59 wherein the material is in a quantity of greater than about 1% by weight of the composition.
64. [New] The composition of claim 59 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.
65. [New] The composition of claim 59 wherein the material is in particles sized less than 75 microns.
- A1 66. [New] A composition comprising:
a thermoplastic resin; and
a material comprising at least 10 % by weight of silicon dioxide and at least 10 % by weight of aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.
67. [New] The composition of claim 67 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
68. [New] The composition of claim 67 wherein the material is vitreous.
69. [New] The composition of claim 67 wherein the material is in a quantity greater than about 0.5% by weight of the composition.
70. [New] The composition of claim 67 wherein the material is in a quantity of greater than about 1% by weight of the composition.

71. [New] The composition of claim 67 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.
72. [New] The composition of claim 67 wherein the material is in particles sized less than 75 microns.
73. [New] A composition comprising:
a thermoplastic resin; and
a material comprising at least 10 % by weight of aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.
74. [New] The composition of claim 73 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
75. [New] The composition of claim 73 wherein the material is vitreous.
76. [New] The composition of claim 73 wherein the material is in a quantity greater than about 0.5% by weight of the composition.
77. [New] The composition of claim 73 wherein the material is in a quantity of greater than about 1% by weight of the composition.
78. [New] The composition of claim 73 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.

79. [New] The composition of claim 73 wherein the material is in particles sized less than 75 microns.
80. [New] A composition comprising:
a thermoplastic resin; and
a material comprising cristobalite and aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.
81. [New] The composition of claim 80 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
82. [New] The composition of claim 80 wherein the material is vitreous.
83. [New] The composition of claim 80 wherein the material is in a quantity greater than about 0.5% by weight of the composition.
84. [New] The composition of claim 80 wherein the material is in a quantity of greater than about 1% by weight of the composition.
85. [New] The composition of claim 80 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.
86. [New] The composition of claim 80 wherein the material is in particles sized less than 75 microns.

87. [New] A composition comprising:
a thermoplastic resin; and
a material comprising at least 10% by weight cristobalite and at least 10 % by weight of aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.
88. [New] The composition of claim 87 wherein the thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitrile butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.
89. [New] The composition of claim 87 wherein the material is vitreous.
90. [New] The composition of claim 87 wherein the material is in a quantity greater than about 0.5% by weight of the composition.
91. [New] The composition of claim 87 wherein the material is in a quantity of greater than about 1% by weight of the composition.
92. [New] The composition of claim 87 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.
93. [New] The composition of claim 87 wherein the material is in particles sized less than 75 microns.